

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3887	343/700MS.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/08 08:06
S2	10560	(orthogonal perpendicular) with antenna\$2	US-PGPUB; USPAT	OR	ON	2006/11/01 15:57
S3	1976	(polar\$10 circular\$12) near3 diversity	US-PGPUB; USPAT	OR	ON	2006/11/01 15:58
S4	599	S2 and S3	US-PGPUB; USPAT	OR	ON	2006/11/01 16:00
S5	357	S4 and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/01 16:01
S6	8168	diversity with antenna\$2	US-PGPUB; USPAT	OR	ON	2006/11/01 16:42
S7	195	S6 and (MEMS "Micro Electro\$2Mechanical System") and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/02 12:37
S8	19	compact adj diversity adj antenna	US-PGPUB; USPAT	OR	ON	2006/11/02 08:21
S9	2	((("4367474") or ("6369762"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 13:45
S10	47	((("5325403") or ("6229486") or ("5334988") or ("5548813") or ("5933122") or ("6151310") or ("6211826") or ("6211830") or ("6211826") or ("6211830") or ("6362793") or ("6903697") or ("20040164913") or ("20040212937") or ("20050107045") or ("20050270711") or ("20060220959") or ("6236372") or ("5451971") or ("5483693") or ("5724666") or ("5771022") or ("5907582") or ("5966102") or ("5970085") or ("6061387") or ("6061387") or ("6078817") or ("6201801") or ("4017860") or ("4035804") or ("4257048") or ("4383332") or ("4611212") or ("4633265") or ("4811028") or ("4823140") or ("4827266") or ("4853702") or ("4967202") or ("5177493") or ("5177495") or ("5201072") or ("5203027") or ("5239303") or ("5347535") or ("5373300") or ("5499033") or ("5532708") or ("5561850") or ("").pn.)).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/02 12:37

## EAST Search History

S11	1	S10 and (MEMS "Micro Electro\$2Mechanical System") and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/02 13:46
S12	13	(US-20030146876-\$ or US-20020124385-\$).did. or (US-7127175-\$ or US-5532708-\$ or US-6211830-\$ or US-6771223-\$ or US-7088306-\$ or US-6600456-\$ or US-7109923-\$ or US-5784032-\$ or US-6271796-\$ or US-7006044-\$ or US-6538608-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/02 13:24
S13	7	S12 and (PCB "Printed Circuit Board")	US-PGPUB; USPAT	OR	ON	2006/11/02 13:25
S14	8187	diversity with antenna\$2	US-PGPUB; USPAT	OR	ON	2006/11/02 13:46
S16	722	S14 and (PCB "printed circuit board")	US-PGPUB; USPAT	OR	ON	2006/11/02 13:47
S17	154	343/700MS.ccls. and (induct\$4 near3 (impedance impedance load))	US-PGPUB; USPAT	OR	ON	2006/11/06 16:43
S18	59	343/700MS.ccls. and ((induct\$4 near3 (impedance impedance load)) same ground)	US-PGPUB; USPAT	OR	ON	2006/11/06 16:55
S19	3200	((induct\$4 near3 (impedance impedance load)) same ground)	US-PGPUB; USPAT	OR	ON	2006/11/06 16:55
S20	705	S19 and antenna	US-PGPUB; USPAT	OR	ON	2006/11/06 16:55
S21	705	S19 and antenna	US-PGPUB; USPAT	OR	ON	2006/11/06 16:55
S22	40041	((circul\$7 linear\$6 vertical horizontal) near3 polari\$7)	US-PGPUB; USPAT	OR	ON	2006/11/08 09:22
S23	1206	S22 and diversity and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/08 08:24
S24	884	S23 and (antenna antennae)	US-PGPUB; USPAT	OR	ON	2006/11/08 09:19
S25	8194	343/700MS,702,725,872,893,878, 876.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/08 09:20
S26	1840	S25 and S22	US-PGPUB; USPAT	OR	ON	2006/11/08 09:20
S27	168	S26 and diversity and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/08 09:21
S28	11903	((circular\$7 near3 polari\$7) and ((linear\$3 vertical horizontal) near3 polari\$7))	US-PGPUB; USPAT	OR	ON	2006/11/08 09:24
S29	65	S25 and S28 and diversity and switch\$3	US-PGPUB; USPAT	OR	ON	2006/11/08 09:24

## EAST Search History

S30	6943	343/700MS,702,846,876.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/08 11:44
S31	505	S30 and (switch\$3 same ground\$3 same (antenna antennae))	US-PGPUB; USPAT	OR	ON	2006/11/08 11:45
S32	44	S31 and (polari\$7 near3 diversity)	US-PGPUB; USPAT	OR	ON	2006/11/08 11:45
S33	58	(US-20030146876-\$ or US-20020044089-\$ or US-20030008614-\$ or US-20020034968-\$ or US-20060232477-\$ or US-20040095280-\$ or US-20020124385-\$ or US-20030124982-\$ or US-20030197658-\$).did. or (US-6667724-\$ or US-5201065-\$ or US-5832389-\$ or US-6198460-\$ or US-5940048-\$ or US-6288678-\$ or US-6222503-\$ or US-6999038-\$ or US-6150984-\$ or US-5872547-\$ or US-6538608-\$ or US-3747111-\$ or US-5708679-\$ or US-6426722-\$ or US-7088306-\$ or US-7088299-\$ or US-7109923-\$ or US-5410749-\$ or US-6433756-\$ or US-6545643-\$ or US-6380896-\$ or US-6922177-\$ or US-6489925-\$ or US-4410891-\$ or US-6771223-\$ or US-6211830-\$). did. or (US-5532708-\$ or US-5982329-\$ or US-6741212-\$ or US-6094166-\$ or US-4195301-\$ or US-6172654-\$ or US-5270722-\$ or US-5923296-\$ or US-5724666-\$ or US-5757324-\$ or US-4527163-\$ or US-6917342-\$ or US-6067053-\$ or US-5977929-\$ or US-6498591-\$ or US-5784032-\$ or US-4379296-\$ or US-4367474-\$ or US-7127175-\$ or US-7006044-\$ or US-6600456-\$ or US-6747601-\$ or US-6271796-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/09 10:36
S34	17	S33 and (ground same (PCB PWB "printed circuit board"))	US-PGPUB; USPAT	OR	ON	2006/11/09 10:51
S35	1033	343/846.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/09 10:51
S36	177	S35 and (ground with (PCB PWB "printed circuit board"))	US-PGPUB; USPAT	OR	ON	2006/11/09 10:52